

```
/clone_lib="Human"
```

ACCESSION	BD109812	GT:23204630
VERSION	BD109812.1	

Db 181 ATTGTTACCTCATAGACATAATGATTTATTTGGTGTGAAGACTACACAGACTG 240

QY 2749 GAGACTTTTGGTGAGATCGAGGGAGCTGAGCAAGAAATTCCTAATGGGCTCT 2898

Db 241 GAGACTTTTGGTGAGATCGAGGGAGCTGAGCAAGAAATTCCTAATGGGCTCT 300

QY 2809 TTAAGAAATTAACCTTTATGATCAACCAAGCCATGTAG 2848

Db 301 TTAAGAAATTAACCTTTATGATCAACCAAGCCATGTAG 340

RESULT 44
AA815447 428 bp mRNA linear EST 31-DEC-1998
LOCUS a155c04.s1 Soares testis NHT Homo sapiens cDNA clone 1375686 3'
DEFINITION similar to TR:008535 008535 VOLTAGE-GATED CALCIUM CHANNEL
ALPHA2/DELTA SUBUNIT, ALPHA2D ISOFORM. [1] ; mRNA sequence.
AA815447
VERSION AA815447.1 GI:2885043
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 428)
NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
AUTHORS National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
TITLE Unpublished (1997)
JOURNAL Contact: Robert Strausberg, Ph.D.
COMMENT Email: cgapdb-remail.nih.gov
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.
DNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CCAP clone distribution information can be
found through the I.M.A.G.E. Consortium/ILNI at:
www.bio.lnlnl.gov/bdrip/image/image.html
Insert Length: 544 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 426.
Location/Qualifiers
1..428
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="1375686"
/sex="male"
/lab_host="DH10B"
/clone_lib="Soares testis NHT"
/note="Vector: pT733-Pac (pharmacia) with a modified
polylinker, Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
was prepared from mRNA obtained from Clontech
Laboratories, Inc., and primed with a Not I - oligo(dT)
primer [5']
TGTACCAATCTGAGTGGAGCGCGCCCAATTTTCTTTTCTTTT 3'.
Double-stranded cDNA was ligated to Eco RI adaptors
(pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT733 vector. Library
went through one round of normalization to Cot5, and was
constructed by Bento Soares and M. Fatima Bonaldo."

ORIGIN

Query Match 7.4%; Score 278; DB 9; Length 428;
Best Local Similarity 99.7%; Pred. No. 8.7e-42;
Matches 328; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 GTAAGCAGACGAAACCAATCGAAGCGGATTTCTTGAGTGTGGCAAGATGCC 1638

Db 428 GTAAGCAGACGAAACCAATCGAAGCGGATTTCTTGAGTGTGGCAAGATGCC 369

QY 1639 CAGTGAAGAACTCTGGAAGCAATCCCAATACAGTTAGGATTCACGGTTATGCC 1698

Db 368 CAGTGAAGAACTCTGGAAGCAATCCCAATACAGTTAGGATTCACGGTTATGCC 309

QY 1699 TTGCATTCACAAATATATGRTATATCTGAGACCAATCCGAATCTGAGTGAAGAG 1758

Db 308 TTGCATTCACAAATATATGRTATATCTGAGACCAATCCGAATCTGAGTGAAGAG 249

QY 1759 AAGAAAAAAGGAGAAAGAAACCTTAATATAGAGCGTTGACCTCTCTAGAGTGAAGTGG 1818

Db 248 AAGAAAAAAGGAGAAAGAAACCTTAATATAGAGCGTTGACCTCTCTAGAGTGAAGTGG 189

QY 1819 AAGACCGAATATACGTTTGAAGAAATGCTATAGTGAATCGAAGACGGGAGTTTCCA 1878

Db 188 AAGACCGAATATACGTTTGAAGAAATGCTATAGTGAATCGAAGACGGGAGTTTCCA 129

QY 1879 TGGAGGTGAAGAAAGACAGTGAACAAGG 1907

Db 128 TGGAGGTGAAGAAAGACAGTGAACAAGG 100

RESULT 45
BE768727 332 bp mRNA linear EST 20-SEP-2000
LOCUS BE768727
DEFINITION QV2-FT0010-090800-304-e12 FT0010 Homo sapiens cDNA, mRNA sequence.
BE768727
VERSION BE768727.1 GI:10222385
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 332)
Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Briones, M.R.,
Nagal, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F.,
Goldman, G.H., Carvalho, A.F., Matsukuma, A., Bala, G.S., Simpson, D.H.,
Brunstein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V.,
O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and
Simpson, A.J.
Shotgun sequencing of the human transcriptome with ORF expressed
sequence tags
Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
20202663
10737800
JOURNAL Contact: Simpson A.J.G.
MEDLINE Laboratory of Cancer Genetics
PUBMED Ludwig Institute for Cancer Research
Contact: Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP,
Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br
This sequence was derived from the FAPESP/LICR Human Cancer Genome
Project. This entry can be seen in the following URL
(http://www.ludwig.org.br/scripts/getctm12.pl?cl=kt2-QV2-FT0010-090
800-304-e12&ct3=2000-08-09&ct4=1)
Seq primer: puc 18 forward
High quality sequence stop: 330.
Location/Qualifiers
1..332
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/dev_stage="Adult"
/clone_lib="FT0010"
/note="Organ: prostate tumor; Vector: puc18; Site 1: SmaI;
Site 2: SmaI; A mini-library was made by cloning products
derived from ORFESTS PCR (U.S. Letters Patent application
No. 196,716 - Ludwig Institute for Cancer Research)
profiles into the pUC 18 vector. Reverse transcription of
tissue mRNA and cDNA amplification were performed under
low stringency conditions."

ORIGIN

Query Match 7.2%; Score 272; DB 10; Length 332;